

Please type a plus sign (+) inside this box

PTO/SB/05 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 2102487-991160

First Inventor Naoyuki Kawabe

Title AUTOMATIC CIRCUIT GENERATION SYSTEM AND  
AUTOMATIC CIRCUIT GENERATION METHOD AND...

Express Mail Label No. EL 904 946 479 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS  
TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)  
Applicant claims small entity status.  
See 37 CFR 1.27.
2. ☐
3. ☒ Specification [Total Pages: 15]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R&D  
- Reference to sequence listing, a table  
or a computer program listing appendix  
- Background of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
5. Oath or Declaration [Total Pages 4]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies; or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: .....

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. : \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group/Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

Name

26379

PATENT TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

Fax

NAME (Print/Type)

Edward B. Weller

Registration No. (Attorney/Agent)

37,468

Signature

Date

January 23, 2002

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

Application Number	Not yet assigned
Filing Date	January 23, 2002
First Named Inventor	Naoyuki Kawabe
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	2102487-991160

**TOTAL AMOUNT OF PAYMENT** (\$ ) 948.00

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

07-1896

Deposit  
Account  
Name

Gray Cary Ware & Freidenrich LLP

- ☒ Charge Any additional Fee Required  
Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status  
See 37 CFR 1.27

2. ☒ **Payment Enclosed:**

- ☒ Check in the amount of \$ 948.00

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1)** (\$ ) 740.00

### 2. EXTRA CLAIM FEES

Total Claims		Extra Claims		Fee from below		Fee Paid
	12	-20** =	0	X	18.00	= 0
Independent Claims	5	-3** =	2	X	84.00	= 168.00
Multiple Dependent				X		=

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	80	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)** (\$ ) 168.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ ) 40.00

## SUBMITTED BY

Name (Print/Type)

Edward B. Weller

Registration No.  
(Attorney/Agent)

37,468

Telephone

(650) 833-2436

Signature

*Ed B Weller*

Date

January 23, 2002

# COPY

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			<b>Docket No.</b>
Applicant(s): Naoyuki Kawabe et al.			2102487-991160
<b>Serial No.</b> Not yet assigned	<b>Filing Date</b> January 23, 2002	<b>Examiner</b> Not yet assigned	<b>Group Art Unit</b> Not yet assigned
<b>Invention:</b> AUTOMATIC CIRCUIT GENERATION SYSTEM AND AUTOMATIC CIRCUIT GENERATION METHOD AND AUTOMATIC CIRCUIT GENERATION PROGRAM			
<p>I hereby certify that this <u>Fee Transmittal for FY 2002; Utility Application Transmittal Letter; Utility Patent Application with 5 sheets of Formal Drawings; Declaration for Patent Application (signed); Recordation Form Cover Sheet with Assignment; Information Disclosure Statement with PTO-1449 and 3 references; Certified Copy of Priority Document; and Return Post Card</u> (Identify type of correspondence)</p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C., 20231-0001 on <u>January 23, 2002</u> (Date)</p> <p><u>Rosa A. Caviedes</u> (Typed or Printed Name of Person Mailing Correspondence)</p> <p><u>Rosa A. Caviedes</u> (Signature of Person Mailing Correspondence)</p> <p><u>EL 904 946 479 US</u> (“Express Mail” Mailing Label Number)</p>			
<p><b>Note: Each paper must have its own certificate of mailing.</b></p> <p><b>EL904946479US</b></p>			

20060616 09:23:02